

JACQUELINE ROBERTI

FULL-STACK DEVELOPER

ABOUT

Full-stack software engineer with nearly 10 years industry experience in app development, including UX/UI, cloud infrastructure, and devops. Strong communicator with extensive management experience and an interest in mission-driven work.

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EDUCATION

Brown University, Class of 2015
B.A. Computer Science

TECHNICAL SKILLS

Languages & Frameworks: Python, Django, Java, Javascript/React, Typescript, nodejs, Clojure, relational databases and SQL, bash, Ruby, Terraform

Tools & Infrastructure: Google Cloud Platform, AWS, docker, Jenkins, CircleCI, Git/Github, kubernetes, Codeium AI, Observable

Creative: Photoshop, Canva, Procreate

PUBLICATIONS

"Wild Things of the South Island"
[essay] The Expeditionier. 2015.
"New Niches" [climate fiction]
Reckoning Magazine. 2025

WORK HISTORY

Senior Software Engineer

SECURITYPAL | JAN 2022 - PRESENT

- Senior developer on small team that built a **Django/React webapp** for managing security questionnaires between the company and its clients
- Led the design and shipping of mission-critical features such as **single sign-on** and **multi-factor authentication**, a responsive **directory sync integration** for managing user roles and permissions, and an app-wide **tagging paradigm** for organizing and searching across resources
- Worked to **develop a product roadmap** to meet customer needs, including the incorporation of LLMs and user metrics.

Engineering Manager

BROAD INSTITUTE OF MIT AND HARVARD | SEP 2019 - DEC 2021

- **Managed 3 teams of 16 direct reports** supporting Terra (app.terra.bio), a scalable platform for biomedical research.
- Conducted **annual performance reviews, provided feedback, and coached engineers** in their career development
- **Streamlined communication and engineering effort** in a highly collaborative environment, including running org-wide town halls, organizing short-term strike teams, and developing knowledge-sharing best practices
- **Facilitated an intra-organization partnership** between The Broad, Google Verily, and Microsoft that involved developing a common software stack and managing multi-company teams
- Created Terra's **incident response process and SLA**. Developed and ran service outage post-mortems
- Championed a culture of **inclusiveness and psychological safety**

Software Engineer

BROAD INSTITUTE OF MIT AND HARVARD | SEP 2018 - SEP 2019

- Developed the All of Us Researcher Workbench, a platform for researchers conducting studies on a one-million participant cohort, **the most diverse biomedical database in history**
- Played a critical role in the **beta launch** to bring the platform online
- Led the effort to translate the frontend framework from Angular to React

Devops Engineer

BROAD INSTITUTE OF MIT AND HARVARD | SEP 2016 - SEP 2018

- **Created, maintained, and tested industry-standard devops tools** and infrastructure for Terra, a scalable platform for biomedical research
- **Built an efficient CI/CD pipeline** to streamline development and releases, including **dockerizing** all Terra services
- Designed, built, and maintained a **locally-deployable environment** replicating the production environment and its integrations with GCP
- Created highly readable and maintainable **documentation** for engineers

Software Engineer

ALTMAN VILANDRIE & COMPANY | JULY 2015 - JULY 2016

- Developed a **Clojure/Typescript app** for budget optimization
- Codified AWS infrastructure and automated deployments